FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 010481	SERIAL NO. 10/092,669
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT Dunworth, et al.	
DATE MAILED: 11/22/04	FILING DATE March 6, 2002	GROUP 2682

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EXAMINER INITIAL	Ref No		oci	JME	NT	NUN	иве	R	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1 4 0 8 7 7 5 0							0	5/2/78	Allen, et al.			
	Λ2	4	3	1	3	2	0	9	1/26/82	Drucker, et al.			
	A3	4	4	5	4	4	8	3	6/12/84	Baylor			
	A4	4	7	9	2	7	6	8	12/20/88	Fried, et al.			
	A5	4	9	1	0	4	7	3	3/20/90	Niwa			
	A6	4	9	4	0	9	5	0	7/10/90	Helfrick			
	A7	5	0	2	3	5	7	2	6/11/91	Caldwell, et al.			
	A8	5	0	7	9	5	2	2	1/7/92	Owen et al.			
	А9	5	1	5	0	0	8	2	9/22/92	Grimmett, et al.			
	A10	5	3	3	5	3	6	5	8/2/94	Ballantyne, et al.			
	All	5	3	8	2	9	2	2	1/17/95	Gersbach, et al.			
	A12	5	4	7	3	2	8	4.	12/5/95	Jantti, et al.			
	A13	5	4	9	3	7	1	0	2/20/96	Takahara et al.			
	Al4	5	8	2	8	2	6	6	10/27/98	Couet			
	A15	5	8	3	1	4	8	5	11/3/98	Nelson, et al.			
	A16	5	8	7	0	0	0	1	2/9/99	Osterling, et al.			
	A17	5	9	2	6	5	1	5	7/20/99	Park			
	A18	6	0	1	6	0	8	1	1/18/00	O'Shaughnessy			

## O'Shaughnessy FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No			DO	CUN	1EN	TN	UME	3ER			DATE	COUNTRY	NAME			
	Bl	5	2	6	8	0	7	8				10/15/93	JP	Nara Osama			
	B2	2	0	0	1	2	3	0	6	6	7	8/24/01	JP	Kobayashi Hideaki			
	В3	0	4	2	3	9	4	1				9/19/90	EPO	Marconi Instruments Limited			

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

Cı	1	"A Low-Noise Multiple Output Phase Locked Loop Synthesizer for Radar Applications" European Frequency and Time Forum (2002)
C2	2	"Design of an Integrated CMOS PLL Frequency Synthesizer" IEEE
EXAMINER		DATE CONSIDERED

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	A19	6	0	1	6	0	8	ı	1/18/00	O'Shaughnesy							
	A20	6	1	3	3	7	9	7	10/17/00	Lovelace, et al.							
	A21	6	0	6	4	9	4	7	5/16/00	Sun et al.							
	A22	6	1	5	0	8	9	1	11/21/00	Welland, et al.	· · · · · · · · · · · · · · · · · · ·						
	A23	6	1	5	7	1	9	8	12/5/00	Mauerman							
	A24	6	1 7 5 2 8 0						1/16/01	Lloyd, et al.							
	A25	6	1	7	5	2	8	2	1/16/01	Yasuda							
	A26	6	2	1	1	7	4	7	4/3/01	Trichet et al.,							
	A27	6	.4	7	3	6	0	7	10/29/02	Shohara et al.							
	A28	6	4	8	6	7	4	5	11/26/02	Manlove et al.							
	A29	6	5	4	2	0	4	4	4/1/03	Berquist et al.							
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	A30	2	0	0	1	0	0	2	0	8	7	5	9/	13/01	Jansson					
	A31	2	0	0	2	0	1	1	8	0	7	4	8/:	29/02	Jovenin					
	A32	2	0	0	2	0	1	7	7	4	2	5	11	/28/02	Li					
	A33	2	0	0	2	0	1	8	6	4	4	0	12	/12/02	Adachi et al					
	A34	2	0	0	3	0	0	5	0	0	2	9	3/	13/03	Kaufmann et al.					
	A35	2	0	0	3	0	1	1	9	4	6	7	6/:	26/03	Welland et al.					
	A36	2	0	0	3	0	1	7	1	1	0	5	9/	11/03	DunWorth, et al.					
	A37	2	0	0	3	0	0	3	0	4	9	7	2/	13/02	Duncan, et al.					
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